

TABLE 2-2
Full-time employed college graduates, by major occupation, age, level of highest degree, and sex: 2019
(Number)

Occupation and age	All degrees			Bachelor's			Master's			Doctorate			Professional		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
All occupations, all ages	41,929,000	20,577,000	21,352,000	25,906,000	12,287,000	13,619,000	11,858,000	6,570,000	5,288,000	1,814,000	755,000	1,059,000	2,351,000	965,000	1,386,000
29 and younger	6,440,000	3,665,000	2,775,000	4,931,000	2,713,000	2,218,000	1,280,000	808,000	472,000	58,000	23,000	35,000	170,000	121,000	49,000
30–39	11,610,000	5,785,000	5,825,000	6,816,000	3,146,000	3,670,000	3,582,000	2,079,000	1,503,000	503,000	212,000	291,000	709,000	349,000	360,000
40–49	10,315,000	5,089,000	5,226,000	6,076,000	2,882,000	3,194,000	3,131,000	1,707,000	1,424,000	519,000	237,000	282,000	589,000	263,000	325,000
50–75	13,564,000	6,038,000	7,526,000	8,082,000	3,546,000	4,536,000	3,865,000	1,977,000	1,889,000	734,000	283,000	450,000	883,000	232,000	651,000
S&E occupations	6,784,000	1,861,000	4,922,000	3,853,000	880,000	2,972,000	2,037,000	638,000	1,399,000	839,000	313,000	525,000	55,000	29,000	26,000
29 and younger	1,260,000	382,000	878,000	912,000	261,000	651,000	311,000	103,000	208,000	35,000	16,000	20,000	D	D	D
30–39	2,126,000	592,000	1,533,000	1,105,000	227,000	878,000	709,000	236,000	473,000	299,000	122,000	177,000	13,000	7,000	6,000
40–49	1,553,000	427,000	1,126,000	864,000	170,000	695,000	449,000	148,000	301,000	226,000	100,000	125,000	14,000	8,000	5,000
50–75	1,845,000	460,000	1,385,000	972,000	222,000	749,000	569,000	151,000	418,000	279,000	76,000	203,000	25,000	11,000	15,000
Biological, agricultural, and other life scientists	616,000	291,000	324,000	235,000	103,000	132,000	135,000	75,000	61,000	233,000	108,000	126,000	12,000	6,000	6,000
29 and younger	137,000	61,000	76,000	103,000	43,000	60,000	21,000	11,000	11,000	13,000	8,000	5,000	D	D	D
30–39	199,000	98,000	101,000	55,000	23,000	33,000	52,000	33,000	19,000	91,000	41,000	49,000	1,000	1,000	D
40–49	129,000	68,000	61,000	30,000	16,000	14,000	33,000	16,000	16,000	61,000	33,000	29,000	4,000	S	1,000
50–75	151,000	64,000	87,000	47,000	21,000	26,000	30,000	14,000	15,000	68,000	26,000	42,000	6,000	2,000	4,000
Computer and mathematical scientists	3,520,000	874,000	2,647,000	2,241,000	505,000	1,736,000	1,086,000	306,000	781,000	179,000	56,000	123,000	14,000	6,000	8,000
29 and younger	596,000	152,000	444,000	452,000	110,000	342,000	137,000	39,000	98,000	6,000	S	4,000	D	D	D
30–39	1,145,000	247,000	899,000	696,000	124,000	572,000	383,000	104,000	278,000	65,000	18,000	47,000	S	D	S
40–49	858,000	217,000	641,000	549,000	114,000	436,000	250,000	74,000	175,000	58,000	28,000	30,000	D	D	D
50–75	921,000	259,000	662,000	543,000	157,000	386,000	317,000	88,000	229,000	50,000	9,000	41,000	11,000	S	6,000
Physical and related scientists	361,000	121,000	240,000	165,000	63,000	103,000	81,000	32,000	49,000	115,000	26,000	89,000	1,000	D	D
29 and younger	88,000	36,000	52,000	57,000	26,000	31,000	25,000	9,000	S	6,000	S	6,000	D	D	D
30–39	112,000	45,000	67,000	48,000	18,000	30,000	25,000	12,000	14,000	38,000	16,000	23,000	D	D	D
40–49	66,000	21,000	44,000	26,000	9,000	17,000	14,000	6,000	7,000	26,000	6,000	20,000	D	D	D
50–75	95,000	18,000	77,000	34,000	10,000	25,000	17,000	5,000	12,000	44,000	3,000	41,000	D	D	D
Social and related scientists	477,000	293,000	184,000	106,000	60,000	46,000	167,000	112,000	54,000	181,000	104,000	76,000	24,000	16,000	7,000
29 and younger	70,000	52,000	18,000	39,000	30,000	9,000	24,000	17,000	7,000	4,000	2,000	S	D	D	D
30–39	168,000	113,000	55,000	23,000	14,000	9,000	74,000	51,000	23,000	62,000	41,000	21,000	8,000	6,000	2,000
40–49	115,000	69,000	46,000	30,000	10,000	20,000	31,000	26,000	5,000	48,000	29,000	18,000	6,000	4,000	2,000
50–75	125,000	59,000	66,000	14,000	6,000	8,000	37,000	18,000	19,000	67,000	32,000	36,000	7,000	4,000	3,000
Engineers	1,809,000	282,000	1,527,000	1,105,000	150,000	955,000	568,000	113,000	455,000	131,000	19,000	112,000	5,000	D	4,000
29 and younger	369,000	81,000	288,000	261,000	52,000	209,000	103,000	27,000	76,000	6,000	3,000	3,000	D	D	D
30–39	502,000	90,000	412,000	282,000	49,000	234,000	175,000	36,000	139,000	43,000	5,000	37,000	D	D	D
40–49	385,000	51,000	334,000	230,000	21,000	208,000	122,000	26,000	96,000	32,000	5,000	28,000	D	D	D

TABLE 2-2
Full-time employed college graduates, by major occupation, age, level of highest degree, and sex: 2019

(Number)

Occupation and age	All degrees			Bachelor's			Master's			Doctorate			Professional		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
50–75	553,000	60,000	493,000	333,000	29,000	304,000	169,000	25,000	143,000	50,000	6,000	44,000	D	D	D
S&E-related occupations	7,269,000	3,870,000	3,399,000	3,840,000	2,071,000	1,769,000	1,971,000	1,173,000	798,000	348,000	161,000	187,000	1,110,000	465,000	645,000
29 and younger	1,119,000	747,000	372,000	764,000	493,000	271,000	220,000	156,000	64,000	21,000	6,000	15,000	114,000	92,000	22,000
30–39	2,064,000	1,106,000	958,000	1,043,000	550,000	492,000	581,000	357,000	223,000	103,000	41,000	62,000	337,000	157,000	180,000
40–49	1,752,000	877,000	875,000	859,000	422,000	438,000	509,000	275,000	235,000	100,000	46,000	54,000	283,000	134,000	149,000
50–75	2,335,000	1,140,000	1,195,000	1,175,000	606,000	569,000	661,000	385,000	276,000	124,000	67,000	56,000	376,000	82,000	294,000
Non-S&E occupations	27,876,000	14,846,000	13,030,000	18,213,000	9,336,000	8,877,000	7,849,000	4,759,000	3,090,000	628,000	281,000	347,000	1,186,000	471,000	716,000
29 and younger	4,061,000	2,536,000	1,525,000	3,256,000	1,959,000	1,297,000	749,000	549,000	200,000	2,000	1,000	S	54,000	26,000	27,000
30–39	7,420,000	4,087,000	3,334,000	4,669,000	2,368,000	2,300,000	2,292,000	1,485,000	807,000	101,000	49,000	52,000	359,000	184,000	174,000
40–49	7,010,000	3,785,000	3,225,000	4,353,000	2,291,000	2,062,000	2,172,000	1,284,000	889,000	193,000	90,000	103,000	292,000	121,000	171,000
50–75	9,385,000	4,438,000	4,946,000	5,936,000	2,718,000	3,218,000	2,636,000	1,441,000	1,194,000	331,000	140,000	191,000	482,000	139,000	343,000

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

Note(s):
Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding. Full-time employed college graduates are individuals working 35 or more hours per week on their principal job.

Source(s):
National Center for Science and Engineering Statistics, National Survey of College Graduates: 2019.